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CASE 100-80240

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Art Unit: 1641

SEDRANI ET AL.

Examiner: M. Ceperley

APPLICATION NO: 09/585,743

FILED: JUNE 2, 2000

FOR: RAPAMYCIN ASSAY

Assistant Commissioner for Patents
Washington, D.C. 20231

REPLY AND AMENDMENT

Sir:

This is in reply to an Office Action dated June 3, 2002.

IN THE CLAIMS:

Cancel claims 15-27 and add claims 28-39:

28. (new) A monoclonal antibody which specifically recognizes a rapamycin, wherein the rapamycin is (i) rapamycin or (ii) a 40-O-alkylated rapamycin.

29. (new) A monoclonal antibody of claim 28 which recognizes an epitope on the FKBP-binding portion of a rapamycin.

30. (new) A monoclonal antibody of claim 29, which recognizes an epitope on the effector portion of a rapamycin.

31. (new) A monoclonal antibody of claim 28, obtained by:

a) reaction of a rapamycin having an activated coupling group with an immunogenic protein to produce an immunogenic conjugate;

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